

## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
09/648,196	08/25/2000	Myung-Jin Kim	3066/FLK	5328
7	590 08/12/2002			
Shahan Islam Esq Rosenman & Colin LLP 575 Madison Avenue New York, NY 10022-2585			EXAMINER	
			FOLEY, SHANON A	
			ART UNIT	PAPER NUMBER
			1648	1/6
			DATE MAILED: 08/12/2002	14

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)			
Examiner  Shanon Foley  1648		09/648.196	KIM ET AL.			
The MAILING DATE of this communication appears on the cover sheet with the correspondence address— This application is abandoned in view of:  1. ☑ Applicant's failure to timely file a proper reply to the Office letter mailed on <u>n5 December 2001.</u> (a) ☐ A reply was received on	Notice of Abandonment					
The MAILING DATE of this communication appears on the cover sheet with the correspondence address— This application is abandoned in view of:  1. ☑ Applicant's failure to timely file a proper reply to the Office letter mailed on <u>n5 December 2001.</u> (a) ☐ A reply was received on		Shanon Foley	1648			
This application is abandoned in view of:  1. △ Applicant's failure to timely file a proper reply to the Office letter mailed on 05 December 2001.  (a) △ A reply was received on	The MAILING DATE of this communication app					
(a) A reply was received on (with a Certificate of Mailing or Transmission adated, which is after the expiration of the period for reply (including a total extension of time of						
(A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for sllowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Cantinued Examination (RCE) in compliance with 37 CFR 1.141.  (c) A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).  (d) No reply has been received.  2. Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).  (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).  (b) The submitted fee of S is insufficient. A balance of \$ is due.	(a) A reply was received on (with a Certificate of I period for reply (including a total extension of time of	Mailing or Transmission dated month(s)) which expired on	_ ), which is after the expiration of the			
application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).  (c)   A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).  (d)   No reply has been received.  2.   Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).  (a)   The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).  (b)   The submitted fee of \$ is insufficient. A balance of \$ is due The publication fee, if required by 37 CFR 1.18(d), is \$ (The issue fee and publication fee, if applicable, has not been received.  3.   Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).  (a)   Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b)   No corrected drawings have been received.  4.   The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.  5.   The letter of express abandonment which is signed by an altorney or agent of record, the assignee of the entire interest, or all of the applicants.  6.   The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.						
final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).  (d) ⊠ No reply has been received.  2.	application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for					
2. Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).  (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated his was after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).  (b) The submitted fee of \$ is insufficient. A balance of \$ is due. The issue fee required by 37 CFR 1.18 is \$ is the publication fee, if required by 37 CFR 1.18(d), is \$ is \$ is due. The issue fee and publication fee, if applicable, has not been received.  3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).  (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated ), which is after the expiration of the period for reply.  (b) No corrected drawings have been received.  4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.  5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the fiting of a continuing application.  6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.  7. The reason(s) below:  Petitions to review under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any regative effects on patent term.						
from the mailing date of the Notice of Allowance (PTOL-85).  (a)   The issue fee and publication fee, if applicable, was received on	(d) No reply has been received.					
The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d). Is \$  (c) □ The issue fee and publication fee, if applicable, has not been received.  3 □ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).  (a) □ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b) □ No corrected drawings have been received.  4. □ The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.  5. □ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.  6. □ The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.  7. □ The reason(s) below.  Pelitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.	), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of					
(c)	(b) ☐ The submitted fee of \$ is insufficient. A balance of \$ is due.					
3  Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).  (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b) No corrected drawings have been received.  4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.  5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.  6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.  7. The reason(s) below:  Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.	The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$					
Allowability (PTO-37).  (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b) No corrected drawings have been received.  4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.  5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.  6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.  7. The reason(s) below:  Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.	(c) ☐ The issue fee and publication fee, if applicable, has not been received.					
(a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b) No corrected drawings have been received.  4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.  5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.  6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.  7. The reason(s) below.  Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.		uired by, and within the three-month	period set in, the Notice of			
4.  The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.  5.  The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.  6.  The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.  7.  The reason(s) below:  Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.	(a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is					
the applicants.  5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.  6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.  7. The reason(s) below:  JAMES HOUSEL 9/902 SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 1600  Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.	(b) ☐ No corrected drawings have been received.					
1.34(a)) upon the filing of a continuing application.  6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.  7. The reason(s) below:  SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 1600  Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.						
of the decision has expired and there are no allowed claims.  7. The reason(s) below:  JAMES HOUSEL 8/9/02  SUPERVISORY PATENT EXAMINER  TECHNOLOGY CENTER 1600  Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.						
JAMES HOUSEL 8/9/02 SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 1600  Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.	l · · · · · · · · · · · · · · · · · · ·		use the period for seeking court review			
Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.	7. The reason(s) below:	JAMES HOL SUPERVISORY PATER TECHNOLOGY CER	JSEL 8/9/02 IT EXAMINER ITER 1600			
minimize any negative effects on patent term.						
minimize any negative effects on patent term.	Man 1 1 27 05D 4 407(2) 22 (6) 22 22 24 24 24 24 24 24 24 24 24 24 24					
	minimize any negative effects on patent term.	aw the holding of abandonment under 3	I OFK 1.101, Should be promptly filed to			